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Express Mail No.: EF415382474US
Docket No.: 790CIP2C

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
UTILITY PATENT APPLICATION TRANSMITTAL UNDER 37 CFR 1.53

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

NON PUBLICATION IS REQUESTED. A CERTIFICATION IS BELOW.

Transmitted herewith for filing is the patent application of

Inventor(s): Y. Tom Tang, Ping Zhou, Ryle Goodrich, Chenghua Liu, Vinod Asundi, Qing A. Zhao, Yonghong Yang, Feiyan Ren, Jian-Rui Wang, Jie Zhang, Radoje T. Drmanac

Title: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES

☒ Applicant(s) hereby request(s) that the above-captioned application **NOT BE PUBLISHED** under 35 U.S.C. § 122(b) and 37 C.F.R. § 1.211. The undersigned hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

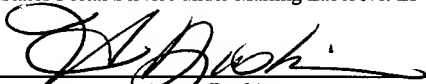
☐ Applicant(s) suggest(s) Figure * for inclusion on the front page of the patent application publication and patent.

1. Type of application

- ☒ This is a new application for a
 - ☒ Utility patent.
- ☒ This is a continuation-in-part application of prior application no. 09/649,167 filed August 23, 2000, Attorney Docket No. 790CIP, which is a continuation-in-part application of prior application no. 09/540,217 filed March 31, 2000, Attorney Docket No. 790.
- ☒ Applicants claim small entity status (See 37 CFR 1.27)

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this Patent Application Transmittal and the documents referred to as enclosed therewith are being deposited with the United States Postal Service on November 30, 2000, in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EF415382474US


Anna Dushine

2. Application Papers Enclosed

1 Title Page
108 Pages of Specification (excluding Claims, Abstract, Drawings & Sequence Listing)
4 Page(s) of Claims
1 Page(s) of Abstract
0 Sheet(s) of Drawings (Figs. X-X) ☐ Formal ☐ Informal
41 Page(s) of Sequence Listing

3. Oath or Declaration

- ☐ An executed declaration of the inventor(s) is enclosed
- ☒ Unexecuted – the undersigned attorney or agent is authorized to file this application on behalf of the applicant(s). An executed declaration will follow.

4. Additional Papers Enclosed

- ☐ Preliminary Amendment
- ☐ Information Disclosure Statement
- ☐ Declaration of Biological Deposit
- ☒ Computer readable copy of sequence listing containing nucleotide and/or amino acid sequence
- ☒ Statement Under 37 CFR § 1.821
- ☒ Paper copy of sequence listing identical to computer copy (41 pages)
- ☐ Assignment Document
- ☐ A bibliographic data entry sheet
- ☐ Verified translation of a non-English patent application
- ☒ Return receipt postcard
- ☐ Other _____

5. **Priority Applications Under 35 USC 119**

Certified copies of applications from which priority under 35 USC 119 is claimed are listed below and

- ☐ are attached.
☐ will follow.

6. **Filing Fee Calculation (37 CFR 1.16)**

A. ☒ **Utility Application**

CLAIMS AS FILED – INCLUDING PRELIMINARY AMENDMENT (IF ANY)						
			SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$355.00		\$710.00
TOTAL	30-20	= 10	X 9 =	\$90.00	X 18 =	\$0.00
INDEP.	3-3	= 0	X 40 =	\$00.00	X 80 =	\$0.00
<input checked="" type="checkbox"/> First Presentation of Multiple Dependent Claim			+ 135 =	\$135.00	+ 270 =	\$0.00
FILING FEE:				\$580.00	OR	\$0.00

B. ☐ **Design Application (\$160.00/\$320.00)** Filing Fee: \$ _____

C. ☐ **Plant Application (\$245.00/\$490.00)** Filing Fee: \$ _____

D. **Other fees**

- ☐ Recording Assignment [Fee -- \$40.00 per assignment] \$ _____
☐ Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached [Fee -- \$130.00] \$ _____
☐ Other \$ _____

TOTAL FEES ENCLOSED \$ 580.00

7. **Method of Payments of Fees**

- ☐ Enclosed check
- ☒ Charge Deposit Account No. 501169. A duplicate copy of this transmittal is enclosed
- ☐ This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts if respectfully requested.

8. **Deposit Account and Refund Authorization**


- ☒ The Commissioner is hereby authorized to charge payment of any additional fees due or credit any overpayment to Deposit Account No. 501169. A duplicate copy of this transmittal is enclosed.

Please direct all future correspondence to Leslie A. Mooi at the address below.

Respectfully submitted,

Date: November 30, 2000

By:



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PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

12/07/2000 VYANG1 00000015 501169 09728711

01 FC:201	355.00 CH
02 FC:203	90.00 CH
03 FC:204	135.00 CH

PTO-1556
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